

# IDAHO DEPARTMENT OF FISH AND GAME

**Jerry M. Conley, Director**

SANDPOINT HATCHERY

Annual Report



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by  
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## SANDPOINT HATCHERY

### ABSTRACT

During the fishery year we received 2,555,606 green kokanee eggs from Granite Creek, 162,552 eyed kamloop eggs from Clark Fork Hatchery and 78,956 Henrys Lake cutthroat from McCall Hatchery.

There were 780,586 eyed kokanee eggs transferred to Mullan Hatchery. Some 2,174,398 cutthroat, kokanee and kamloops were released into streams, lakes and reservoirs, all of them in Region 1.

We have a total of 146,739 kamloop and cutthroat on hand. Some 4,146 pounds of fish were produced during the fishery year.

We had no disease problems with any of the fish.

Author:

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## OBJECTIVES

1. To raise and release an average of 1,864 pounds of 0-4" kokanee per year. In past years, most of the kokanee have been released in Granite Creek, a tributary to Pend Oreille Lake, but in 1983 they were released in Priest Lake. This averages 1,875,000 kokanee per year.

2. To raise and release an average of 850 pounds of 3-6" kamloop rainbow per year to be released in Cabinet Gorge. This is an average of 110,000 fish.

## INTRODUCTION

Sandpoint Hatchery is located in Bonner County, five miles south of Sandpoint on the Pend Oreille River. The Sandpoint Hatchery receives its water supply from springs. The water is piped in from springs located approximately four-tenths of a mile south of the hatchery. The Sandpoint Hatchery has 1.2 cfs of water available to use. We have seven double stacks of incubators and two short stacks along with eight round incubators, 18 vats, 13' long x 2 1/2' deep and two 5' x 100' raceways. The hatchery is capable of raising 7,725 pounds of yearling fish; however, most of the production is now taken up by about 1,875,000 kokanee at 2,000 per pound and 145,000 kamloops at up to 300 per pound.

## FISH PRODUCTION

Sandpoint Hatchery received the following eggs:

Months of November and December 1982

We received 2,555,602 green kokanee eggs from the fish trap on Sullivan Springs. They were good, large eggs at 277 per ounce.

Months of May and June 1983

We received 162,552 eyed kamloop eggs from Clark Fork Hatchery. They varied in size from 144 oz. to 216 oz.

## Stock History

The only eggs that we have any information on pertaining to stock history would be the Henrys Lake cutthroat eggs.

Cutthroat were native to Henrys Lake. This certain stock has been hybridized several times with rainbow trout. Cutthroat eggs from Yellowstone Lake have been introduced into Henrys Lake.

#### Fish Produced

The hatchery produced a total of 2,171,398 fish in 1983 that weighed 3,122 pounds.

Kamloops	129,174	1,501 pounds
Kokanee	1,969,232	1,537 pounds
Cutthroat	75,992	84 pounds

At the beginning of the fish year 1982 we had the following fish on hand:

Kamloops	146,128	451 per pound
Kokanee	19,771	188 per pound

At the end of the fish year 1982 we had the following fish on hand:

Kamloops	143,315	332 per pound
Cutthroat	3,424	428 per pound

#### FISH HEALTH

We have had no fish disease problems during the fishery year.

#### FISH TRANSFERS

Some 78,956 0-3" Henrys Lake cutthroat averaging 1,081.6 were transferred to Sandpoint Hatchery on August 16. On September 12, some 5,385 Henrys Lake cutthroat were taken to Mullan Hatchery. They averaged 718 fish per pound.

#### FISH RELEASES

The following releases were made from Sandpoint Hatchery during the fish year:

### Kamloop

Clark Fork River - 129,765 3-6" kamloops were released in April.  
Porcupine Lake - 2,085 0-3" kamloops were released in September.

### Kokanee

Priest Lake - 1,775,778 0-3" kokanee were released in July.  
Strong Creek - 11,988 0-3" kokanee were released in July.  
Sand Creek - 10,208 0-3" kokanee were released in July.  
Schweitzer Creek - 10,208 0-3" kokanee were released in July.  
Upper Pack River - 25,470 0-3" kokanee were released in July.  
Priest River - 20,376 0-3" kokanee were released in July.  
Grouse Creek - 10,188 0-3" kokanee were released in July.  
East River - 20,376 0-3" kokanee were released in August.  
Upper Twin Lake - 1,132 0-3" kokanee were released in August.  
Lower Twin Lake - 2,830 0-3" kokanee were released in August.  
Mirror Lake - 2,264 0-3" kokanee were released in August.  
Jewel Lake - 2,264 0-3" kokanee were released in August.  
Hoodoo Creek - 25,470 0-3" kokanee were released in August.  
Kelso Lake - 1,698 0-3" kokanee were released in August.  
Murphy Lake - 9,456 0-3" kokanee released in September.

### Cutthroat

Queen Lake - 1,296 0-3" cutthroat were released in August.  
Myrtle Lake - 5,189 0-3" cutthroat were released in August.  
Mollies Lake - 648 0-3" cutthroat were released in August.  
Hidden Lake - 12,107 0-3" cutthroat were released in August.  
Solomon Lake - 2,162 0-3" cutthroat were released in August.  
Spruce Lake - 1,297 0-3" cutthroat were released in August.  
Copper Lake - 1,297 0-3" cutthroat were released in August.  
Two Mouth #2 - 2,054 0-3" cutthroat were released in August.  
Two Mouth #3 - 4,973 0-3" cutthroat were released in August.  
Harrison Lake - 7,243 0-3" cutthroat were released in August.  
Trout Lake - 1,730 0-3" cutthroat were released in August.  
Pyramid Lake - 2,702 0-3" cutthroat were released in August.  
Ball Lake - 1,513 0-3" cutthroat were released in August.  
Big Fisher Lake - 2,486 0-3" cutthroat were released in August.  
Dennick Lake - 1,939 0-3" cutthroat were released in September.  
Sand Lake - 1,221 0-3" cutthroat were released in September.  
Cutoff Lake - 1,723 0-3" cutthroat were released in September.  
Little Harrison - 1,651 0-3" cutthroat were released in September.  
Beehive Lake - 1,723 0-3" cutthroat were released in September.  
Standard Lake - 4,021 0-3" cutthroat were released in September.  
West Fork Lake - 3,016 0-3" cutthroat were released in September.  
Snow Lake - 2,872 0-3" cutthroat were released in September.  
Caribou Lake - 2,872 0-3" cutthroat were released in September.  
Fault Lake - 2,872 0-3" cutthroat were released in September.

#### FISH FEED UTILIZATION

We fed a total of 4,350 pounds of Oregon Moist Pellets, at a total cost of \$1,693.39. The breakdown of pounds per size is as follows:

1/32" Oregon Moist	1,250 pounds
3/64"	200 pounds
1/16"	2,350 pounds
3/16"	<u>550 pounds</u>
TOTAL	4,350 pounds

-The pounds of feed per pound of fish produced was 1.39 and the fish feed cost per pound of fish produced was \$.542.

#### NEW EQUIPMENT

This year we were able to obtain a new gas-powered 37.7cc Sears Brushwhacker. We also got a new lawnsweeper to pull behind the tractor. Both were greatly appreciated and saved us a lot of time on lawn work.

#### HATCHERY NEEDS

The metal roof on the hatchery building has been leaking badly since the electric heaters were installed. The snow melts and forms large icicles along the eaves. This causes a back up and water comes inside along the walls. There are many other leaks scattered all over the roof. Shop tools and other things are getting rusty. it is hard to keep things dry and out of the drips. If new corrugated roofing was installed on top of the old metal, it would leave space for more Insulation and prevent ice build up. Also, the snow would slide off on warm days. With the raised ribs on the old roof, the snow never slips and the wind piles the snow up In between the ribs every time it blows.

The aluminum roof on the hatchery residence is old and doesn't let the snow slide off, causing the roof to leak. it should be replaced at the same time as the hatchery roof.

#### ACKNOWLEDGEMENTS

Hatchery staffing during the fish year included:

Bill Carter, Fish Hatchery Superintendent I and Janice Kile, temporary employee.